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Honeycomb shaped waste-gas purification filter for diesel engine,
comprises particulate filter with flat and corrugated stainless steel
sheets, whose porosity and pore size are set to specific range

Patent Assignee: TOYOTA JIDOSHA KK (TOYT)

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Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003120255	A	20030423	JP 2001319697	A	20011017	200372 B

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Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2003120255	A	7	F01N-003/02	

Abstract (Basic): JP 2003120255 A

NOVELTY - Particulate filter comprises a flat and corrugated
stainless steel sheets (17,16) whose porosity is set to 55-95%, and
pore size is set to less than 500 micro meters. A catalyst layer
comprising noble metals is formed at the inner surface of the filter.

USE - For collecting particulate material from exhaust gas of
diesel engine in motor vehicle.

ADVANTAGE - Particulate substrate in the waste gas is collected
reliably, by suitably setting the porosity and the pore size of the
honeycomb shaped filter.

DESCRIPTION OF DRAWING(S) - The figure shows the sectional view of
the honeycomb shaped filter.

Corrugated plate (16)

Flat plate (17)

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Derwent Class: E36; H06; J01; Q51

International Patent Class (Main): F01N-003/02

International Patent Class (Additional): B01D-039/14; B01D-039/20;

F01N-003/24; F01N-003/28

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